



This is a digital copy of a book that was preserved for generations on library shelves before it was carefully scanned by Google as part of a project to make the world's books discoverable online.

It has survived long enough for the copyright to expire and the book to enter the public domain. A public domain book is one that was never subject to copyright or whose legal copyright term has expired. Whether a book is in the public domain may vary country to country. Public domain books are our gateways to the past, representing a wealth of history, culture and knowledge that's often difficult to discover.

Marks, notations and other marginalia present in the original volume will appear in this file - a reminder of this book's long journey from the publisher to a library and finally to you.

### Usage guidelines

Google is proud to partner with libraries to digitize public domain materials and make them widely accessible. Public domain books belong to the public and we are merely their custodians. Nevertheless, this work is expensive, so in order to keep providing this resource, we have taken steps to prevent abuse by commercial parties, including placing technical restrictions on automated querying.

We also ask that you:

- + *Make non-commercial use of the files* We designed Google Book Search for use by individuals, and we request that you use these files for personal, non-commercial purposes.
- + *Refrain from automated querying* Do not send automated queries of any sort to Google's system: If you are conducting research on machine translation, optical character recognition or other areas where access to a large amount of text is helpful, please contact us. We encourage the use of public domain materials for these purposes and may be able to help.
- + *Maintain attribution* The Google "watermark" you see on each file is essential for informing people about this project and helping them find additional materials through Google Book Search. Please do not remove it.
- + *Keep it legal* Whatever your use, remember that you are responsible for ensuring that what you are doing is legal. Do not assume that just because we believe a book is in the public domain for users in the United States, that the work is also in the public domain for users in other countries. Whether a book is still in copyright varies from country to country, and we can't offer guidance on whether any specific use of any specific book is allowed. Please do not assume that a book's appearance in Google Book Search means it can be used in any manner anywhere in the world. Copyright infringement liability can be quite severe.

### About Google Book Search

Google's mission is to organize the world's information and to make it universally accessible and useful. Google Book Search helps readers discover the world's books while helping authors and publishers reach new audiences. You can search through the full text of this book on the web at <http://books.google.com/>

T  
105  
U51  
Ed/  
Psych

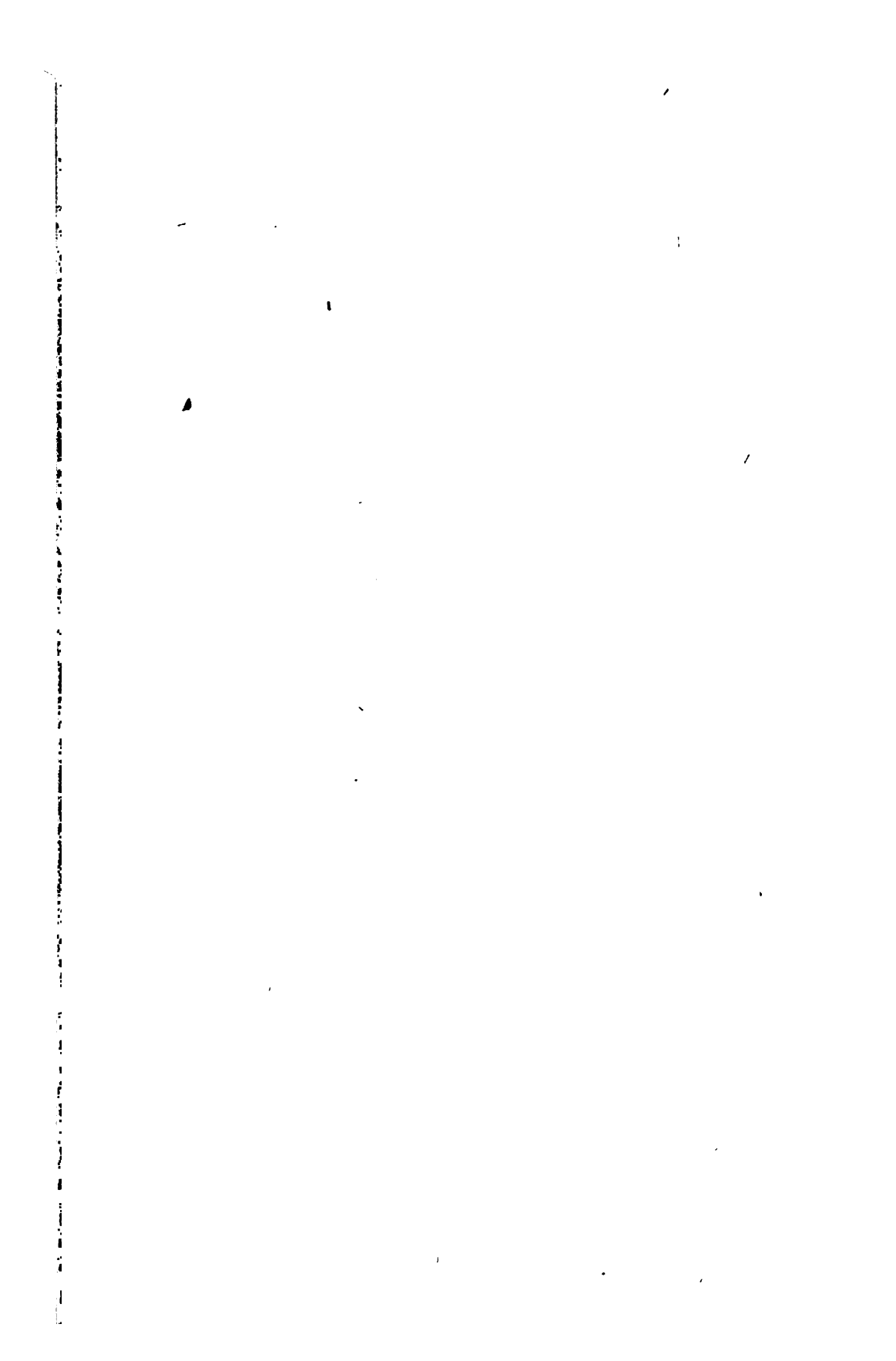
UC-NRLF



B 3 974 744

LEY LIFE









1

DEPARTMENT OF THE INTERIOR,  
BUREAU OF EDUCATION.

---

U. S. Office of Education.  
" "

INDUSTRIAL EDUCATION IN EUROPE.

DEPARTMENT OF THE INTERIOR,  
BUREAU OF EDUCATION,  
*Washington, October 20, 1880.*

The accompanying papers respecting the Higher Commercial Institute of Antwerp, Belgium, the Federal Polytechnic School at Zürich, Switzerland, the Higher Commercial and Silk Weaving School, at Lyons, France, and the Higher Commercial School of Marseilles, France, exhibit the ways in which Europeans deal with the demand for a practical business education.

JOHN EATON,  
*Commissioner.*

WASHINGTON:  
GOVERNMENT PRINTING OFFICE.  
1880.

6 - 116.25







DEPARTMENT OF THE INTERIOR,  
BUREAU OF EDUCATION.

---

U. S. Office of Education.  
11

INDUSTRIAL EDUCATION IN EUROPE.

DEPARTMENT OF THE INTERIOR,  
BUREAU OF EDUCATION,  
*Washington, October 20, 1880.*

The accompanying papers respecting the Higher Commercial Institute of Antwerp, Belgium, the Federal Polytechnic School at Zürich, Switzerland, the Higher Commercial and Silk Weaving School, at Lyons, France, and the Higher Commercial School of Marseilles, France, exhibit the ways in which Europeans deal with the demand for a practical business education.

JOHN EATON,  
*Commissioner.*

WASHINGTON:  
GOVERNMENT PRINTING OFFICE.  
1880.

2 - 116.25

T 105  
U 51  
EDUC.  
PSYCH  
LIBRARY

T 105  
U 537.2

## INDUSTRIAL EDUCATION IN EUROPE.

### I. HIGHER COMMERCIAL INSTITUTE, ANTWERP, BELGIUM.

The Institut supérieur de commerce was established by royal decree of October 29, 1852, at the expense of the Belgian government and of the city of Antwerp.

The course of study lasts two years. The age of the pupils ranges from 18 to 20. Each student pays 25 francs matriculation fee. The tuition fees are 200 francs for the first and 250 francs for the second year. A special fee of 100 francs is charged for a course in the commercial office.

The examination for admission is held annually before a commission appointed by the government and presided over by the director of the institution. The subjects of examination are: A French composition and a translation from French into German and English; physical geography; commercial arithmetic; elements of algebra and geometry; book-keeping; rudiments of natural philosophy and chemistry; rudiments of universal history. A preparatory course of instruction is given by the professors of the institution. It lasts from Easter until August 15. The fee for this preparatory course is 100 francs. In this course special attention is paid to foreign students. Pupils who have completed their collegiate education are admitted without examination. The examination at the end of the first year for admission to the course of the second year takes place at the close of the annual session. The director, the professors, and the government inspector are the examiners. At the end of the second year a special examining board appointed by the government confers the degree of licentiate in commercial sciences upon such students as pass the requisite examination. Belgian students who have displayed special proficiency may obtain government aid which will enable them to travel abroad for several years. A sum of 40,000 francs is annually appropriated for this purpose in the budget of the minister of foreign affairs. All the examinations are free of expense to the students.

The lectures commence in the second week of October. Being delivered in French, foreign pupils must have previously acquired some knowledge of that language. The transactions in the commercial office are carried on in the languages generally used in commerce.

A library composed of commercial works and an extensive museum of mercantile products are connected with the institution.

The institution is placed under the control of a committee of seven members, the burgomaster of the city of Antwerp being ex officio president. The other six members are appointed three by the government and three by the municipal council of Antwerp.

#### PROGRAMME OF THE COURSE.

##### PREPARATORY COURSE.

French, German, English, history, geography, book-keeping, arithmetic, algebra, geometry, natural history, chemistry.

The foregoing branches are the subjects of examination for admission to the first year class.

##### FIRST YEAR.

I. *Mercantile office* (three hours every day): Transactions of a general business house; practical demonstration and application of commercial arithmetic; invoices;

DEPARTMENT C  
BUREAU C

---

U.S. Office  
11

INDUSTRIAL EDU

The accompanying papers respecting  
Belgium, the Federal Polytechnic School  
Commercial and Silk Weaving School, at  
School of Marseilles, France, exhibit the  
demand for a practical business education

WASE  
GOVERNMENT

















14 DAY USE  
RETURN TO DESK FROM WHICH BORROWED  
EDUCATION-PSYCHOLOGY  
LIBRARY

TEL. NO. 642-4209

This book is due on the last date stamped below, or  
on the date to which renewed.

Renewed books are subject to immediate recall.

[illegible]

LD 21A-15m-11,'72  
(Q5761s10)476—A-32

General Library  
University of California  
Berkeley

1

1000

1000

